

**Amendment to the Claims:**

Please cancel Claims 30-83, without prejudice, prior to the calculation of the filing fee. The Claims currently pending in this application are:

1. (Original) A molecular melt composition comprising:
  - a) an antioxidant; and
  - b) a Coupling Agent.
2. (Original) The composition of Claim 1, wherein at least one reactive group of the coupling agent is selected from the group consisting of groups capable of forming a nitrene, groups capable of forming a carbene, and mixtures thereof.
3. (Original) The composition of Claim 1, wherein the coupling agent is selected from the group consisting of sulfonyl azides, poly(sulfonyl azides), phosphazene azides, poly(phosphazene azides), silyl azides, poly(silyl azides), formyl azides, poly(formyl azides), azides, poly(azides), salts of N-chlorosulfonamides, N, N dichlorosulfonamides, the inner salts of 2-trialkyl-1-sulfonylhydrazides, diazo alkanes, poly(diazo alkanes), geminally-substituted methylene groups, ketenes, metallocarbenes, and mixtures thereof.
4. (Original) The composition of Claim 1, wherein the coupling agent comprises poly(sulfonyl azide).
5. (Original) The composition of Claim 4, wherein the coupling agent comprises bis sulfonyl azide.
6. (Original) The composition of Claim 5, wherein the coupling agent is 4,4'-Oxydibenzene-sulfonylazide or derivatives thereof.
7. (Original) The composition of Claim 1, wherein the antioxidant is selected from the group consisting of phenolic compounds and derivatives thereof, hindered amines and derivatives thereof, amine hydroxides and derivatives thereof, thioester compounds and derivatives thereof, hindered phenolic compounds and derivatives thereof, lactones and derivatives thereof, and mixtures thereof.
8. (Original) The composition of Claim 1, wherein the antioxidant comprises a phenolic compound.
9. (Original) The composition of Claim 1, wherein the antioxidant comprises a hindered phenolic compound.

10. (Original) The composition of Claim 1, wherein the antioxidant is tetrakis [Methylene (3,5-di-*t*-butyl-4-hydroxyhydrocinnamate)] or derivatives thereof.
11. (Original) The composition of Claim 10, wherein the Coupling Agent comprises a bis sulfonyl azide.
12. (Original) The composition of Claim 11, wherein the Coupling Agent is 4,4'-Oxydibenzenesulfonylazide or derivatives thereof.
13. (Original) The composition of Claim 1, wherein the Molecular Melt exhibits a total crystallinity of less than about 95 weighted average weight percent as measured by DSC.
14. (Original) The composition of Claim 1, wherein the Molecular Melt exhibits a total crystallinity of less than about 60 weighted average weight percent as measured by DSC.
15. (Original) The composition of Claim 1, wherein the molecular melt exhibits a total crystallinity of less than about 20 weighted average weight percent as measured by DSC.
16. (Original) The composition of Claim 1, wherein the molecular melt exhibits a total crystallinity of less than about 10 weighted average weight percent as measured by DSC.
17. (Original) The composition of Claim 1, wherein the molecular melt exhibits a total crystallinity of less than about 5 weighted average weight percent as measured by DSC.
18. (Original) The composition of Claim 1, wherein the molecular melt exhibits a total crystallinity of less than about 1 weighted average weight percent as measured by DSC.
19. (Original) The composition of Claim 1, wherein the antioxidant is tetrakis [Methylene (3,5-di-*t*-butyl-4-hydroxyhydrocinnamate)] or derivatives thereof and the coupling agent comprises a bis sulfonyl azide.
20. (Original) The composition of Claim 1, wherein the antioxidant is a lactone or derivatives thereof.
21. (Original) The composition of Claim 1, further comprising a second antioxidant.
22. (Original) The composition of Claim 21, wherein the second antioxidant is octacecyl-3-(3,5-di-*tert*-butyl-4-hydroxyphenyl)-propionate.
23. (Original) The composition of Claim 1, further comprising additional polymer additives.

24. (Original) The composition of Claim 23, wherein the additional polymer additives are selected from the group consisting of internal lubricants, compatibility agents, release agents, plasticizers, ultra-violet stabilizers, catalyst neutralizers, and mixtures thereof.
  25. (Original) The composition of Claim 23, wherein the additional polymer additives comprise internal lubricants.
  26. (Original) The composition of Claim 25, wherein the internal lubricant is PEG.
  27. (Original) The composition of Claim 25, wherein the internal lubricant is PPG.
  28. (Original) The composition of Claim 25, wherein the internal lubricant is GMS.
  29. (Original) The composition of Claim 1, wherein the antioxidant and coupling agent are present in a molar ratio of about 1:1 or greater.
- Claims 30-83 (Canceled)